REFERENCES

- American College of Cardiology and American Heart Association. 1991. ACC/AHA Guidelines and Indications for Coronary Artery Bypass Graft Surgery: A report of the American College of Cardiology/American Heart Association Task Force on Assessment of Diagnostic and Therapeutic Cardiovascular Procedures Subcommittee on Coronary Artery Bypass Graft Surgery. *Circulation* 83(2): 1125–1173.
- American Heart Association. 1998. 1998 Heart Disease and Stroke Statistical Update. Dallas, TX. Breiman, L; J Friedman, R Olshen, and CJ Stone. 1984. Classification and Regression Trees. Monterey: Wadsworth and Brooks/Cole.
- Cleveland Health Quality Choice Program. 1995. Summary Report: Cleveland—Area Hospital Quality Outcome Measurements and Patient Satisfaction Report. Cleveland, OH.
- Collet, D. 1991. *Modeling Binary Data*. London: Chapman & Hall.
- Edwards, FH; RE Clark, and M Schwartz. 1994. Coronary Artery Bypass Grafting: the Society of Thoracic Surgeons National Database Experience. *Ann Thorac Surg* 57: 12–9.
- Farley, DE and RJ Ozminkowski. 1992. Volume—Outcome Relationships and In—Hospital Mortality: The Effect of Changes in Volume over Time. *Medical Care* 30(1): 77–94.
- Green, J; and N Wintfeld. 1995. Report Cards on Cardiac Surgeons: Assessing New York State's Approach. *New England J Med* 332(18):1229–1232.
- Grumbach, K; GM Anderson, HS Luft, et al. 1995. Regionalization of Cardiac Surgery in the United States and Canada: Geographic Access, Choice, and Outcomes. *JAMA* 274(16):1282–1288.
- Hannan, EL; D Kumar, M Racz, et al. 1994. New York State's Cardiac Surgery Reporting System: Four Years Later. *Ann Thorac Surg* 58:1852–1857.
- Hannan, EL; H Kilburn, H Bernard, et al. 1991. Coronary Artery Bypass Surgery: The Relationship between In–Hospital Mortality Rate and Surgical Volume after Controlling for Clinical Risk Factors. *Medical Care* 11: 1094–1107.
- Hannan, EL; JF O'Donnell, JF Kilburn, et al. 1989. Investigation of the Relationship between Volume and Mortality for Surgical Procedures Performed in New York State Hospitals. *JAMA* 264(4): 503–510.
- Harrell, F. 1998. Problems with Surgical Report Cards. Manuscript available at http://hesweb1.med.virginia.edu/biostat/presentations/surgrounds.pdf
- Hastie, T; and R Tibshirani. 1990. Generalized Additive Models, London: Chapman & Hall.
- Hilborne, LH; LL Leape, JP Kahan, et al. 1991. *Percutaneous Transluminal Coronary Angioplasty:* A Literature Review and Ratings of Appropriateness and Necessity. Santa Monica, CA: RAND.
- Hosmer, DW; T Hosmer, S le Cessie, and S Lemeshow. 1997. A Comparison of Goodness-of-fit Tests for the Logistic Regression Model. *Statistics in Medicine* 16:965–980.
- Hosmer, DW; and S Lemeshow. 1989. Applied Logistic Regression. New York: John Wiley.
- Jollis, JG; M Aneukiewicz, E DeLong, et al. 1993. Discordance of Databases Designed for Claims Payment versus Clinical Information Systems: Implications for Outcomes Research. *Ann Intern Med.* 119:844–850.
- Jones, RH; EL Hannan, K Hammermeister, et al. 1996. Identification of Preoperative Variables Needed for Risk Adjustment of Short-term Mortality after Coronary Artery Bypass Graft Surgery. JACC 28(6):1478–87.
- Landwehr, J; D Pregibon, and A Shoemaker. 1984. Graphical Methods for Assessing Logistic Regression Models. *Journal of the American Statistical Association*, 79:61–83.

- Leape, LL; L Hilborne, JP Kahan, et al. 1991. *Coronary Artery Bypass Graft: A Literature Review and Ratings of Appropriateness and Necessity*. Santa Monica, CA: RAND.
- New Jersey Department of Health and Senior Services. 1997. *Coronary Artery Bypass Graft Surgery in New Jersey* 1994–1995: *A Technical Report*. Trenton, NJ.
- New York State Department of Health. 1997. *Coronary Artery Bypass Surgery in New York State*: 1993–1995. Albany, New York.
- O'Connor, GT; S Plume, E Olmstead, et al. 1991. A Regional Prospective Study of In-hospital Mortality Associated with Coronary Artery Bypass Grafting. *JAMA* 266(6):803–809.
- Office of Statewide Health Planning and Development (OSHPD) Discharge Data, 1998. Sacramento, California.
- Orr, RK; BS. Maini, et al. 1995. A Comparison of Four Severity—adjusted Models to Predict Mortality after Coronary Artery Bypass Graft Surgery. *Arch Surg* 130:301–306.
- Pennsylvania Health Care Cost Containment Council. 1995. *Coronary Artery Bypass Graft Surgery Technical Report, Volume IV*: 1993.
- Showstack JA, KE Rosenfeld, DW Garnick, et al. 1987. Association of Volume with Outcome of Coronary Artery Bypass Graft Surgery: Scheduled vs. Non–Scheduled Operations. *JAMA* 257(6): 785–789.
- Society of Thoracic Surgeons. 1997. STS National Cardiac Database, <u>www.sts.org</u> web site.
- Zhang, H; and B Singer. 1999. *Recursive Partitioning in the Health Sciences*. New York: Springer–Verlag.

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